



Water Reporting Summary - Namoi Catchment

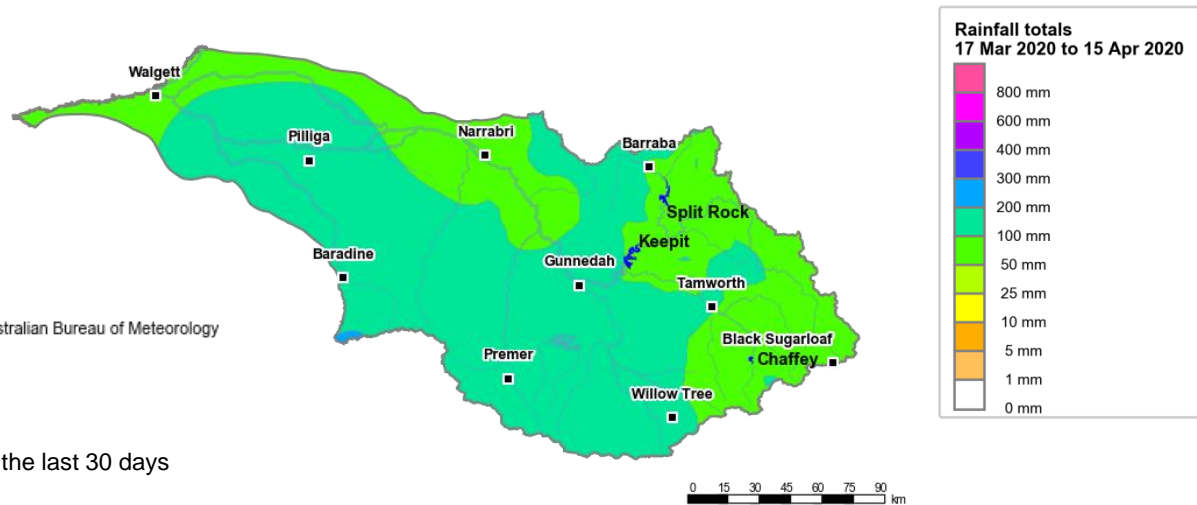
15 April 2020



Overview

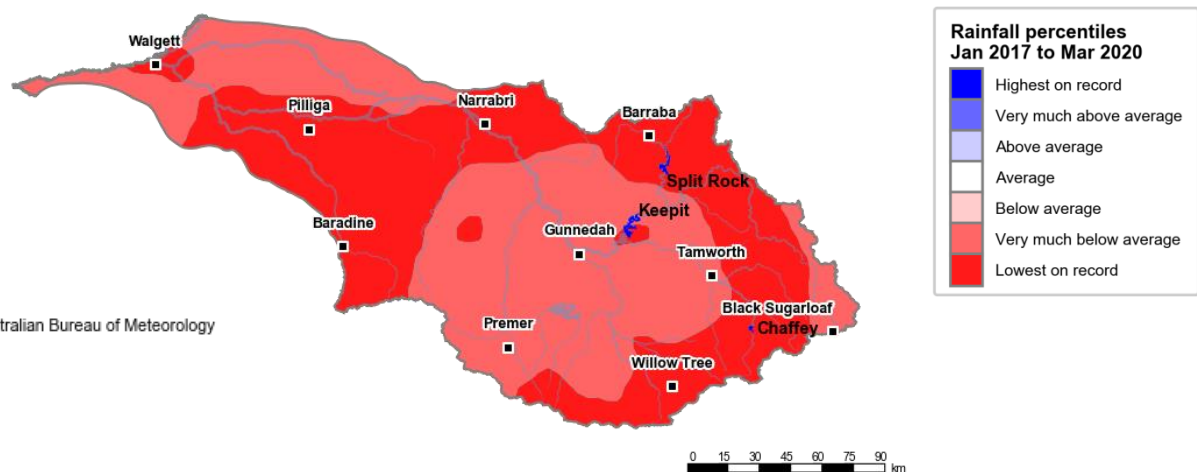
- In the last month, there was very welcome rainfall, with 50 to 200 mm received across the Namoi catchment (Figure 1). The total area-average rainfall across the catchment was 109 mm for the last 30 days. However, this recent rainfall is in the context of the extended dry period since January 2017 with rainfall across the Namoi catchment being very much below average or lowest on record (Figure 2).
- Recent rainfall has significantly improved soil moisture conditions, with root zone soil moisture in most of the Namoi catchment being very much above average or the highest 1% on record in April to date. The recent rainfall has translated into some runoff and inflows into storages but Drought Stage 3 conditions still continue for the Namoi catchment. For Stage 3, there has been severe water shortages, with water delivery restricted to high priority demands (NSW DPIE). Consequently, relatively low or no allocations still remain for some entitlement holders and water trade is limited (Figures 3 and 4).
- Announced allocations for general security entitlement holders are currently 0% which, for this time of year, is unprecedented for the Upper Namoi. For the Lower Namoi catchments, 0% general security allocations have occurred four times in the last ten years (Table 1).

Recent conditions



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Figure 1: Rainfall totals for the last 30 days



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Figure 2: Rainfall percentiles since January 2017 (Compared to 1900-2019 long-term average). Note: Rainfall percentiles for the period from January 2017 are shown as the Bureau of Meteorology considers January 2017 to be the start of the current dry period for eastern Australia.

How much water is in the storages (as at 15 April 2020)?

Storage volume: Split Rock, Keepit and Chaffey storages

Combined total storage	100 GL
Combined accessible storage*	88 GL

*Accessible storage volume is the volume of water stored excluding dead storage (water stored below the level of the lowest outlet)

Source: [BoM water storages dashboard](#)

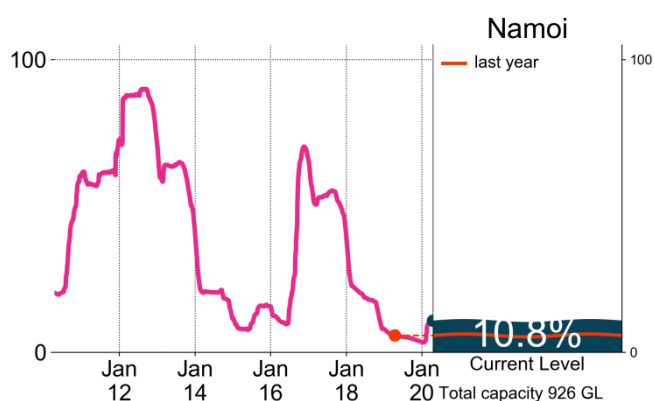


Figure 3: Current total storage (% of total capacity) compared to the last ten years

Who is the water for?

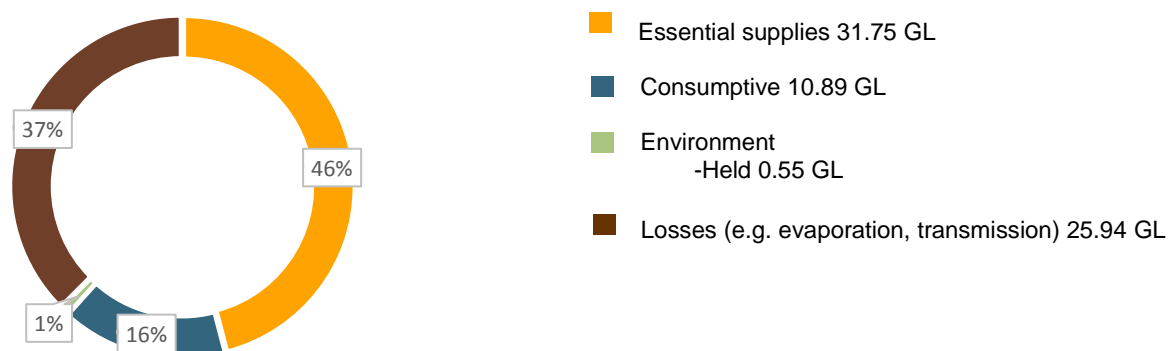


Figure 4: Volumes of water held in accounts for the 2019-20 water year (as at 31 March 2020)

Source: [Water Allocation Statement- NSW Department of Planning, Industry and Environment](#) and [CEWO](#)

NB: Allocation information shown here is water allocated, but not necessarily available, for various purposes as at 31 March 2020. Due to Drought Stage 3 conditions, the extremely limited available water is being directed towards essential supplies such as critical human needs. Water allocation figures shown here differ to those on WaterNSW's [Water Insights](#), which shows estimated water available over a two-year planning period (2019 to 2021).

Table 1: Allocation announcements (%) and market prices - Selected licence categories as at 15 April 2020

Licence category	Announced allocation	Historic comparison (same time of year)	Entitlement Prices (monthly median)	Allocation Price (median- last 7 days)
Stock & Domestic, Local Utility	100%	Same as most years	n/a	\$300/ML*
Upper & Lower Namoi High Security	75%	100% in most years	n/a	
Upper Namoi General Security	0%	Lowest on record (since 2004-05)	n/a	
Lower Namoi General Security	0%	Has occurred in four out of the last ten years	n/a	
Average Carryover or Starting balance on 1 July (General Security)	23% Upper Namoi 5% Lower Namoi	7% last year (Upper Namoi) 19% last year (Lower Namoi)	n/a	

*indicative based on limited trade data

Source: [Allocation dashboard- NSW Department of Planning, Industry and Environment](#) and [BoM water markets dashboard](#)

FIND OUT MORE

For more information email water@bom.gov.au



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